



AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions, and listings, of claims in the application.

Listing of the Claims:

1. (Currently amended) [[A]] An isolated protein, comprising [[an]] the amino acid sequence of ~~SEQ. ID. No. 1~~ SEQ ID NO: 1, which has the activity of hydrolyzing amylopectin, starch, glycogen and amylose, ~~a derivative thereof, or a fragment thereof.~~
2. (Currently amended) An isolated polynucleotide ~~A gene of SEQ. ID. No. 2~~, encoding the protein, ~~the derivative, or the fragment of claim 1, a derivative thereof, or a fragment thereof.~~
3. (Currently amended) A transformed cell, expressing the gene, ~~the derivative, or the fragment of polynucleotide of claim 2.~~
4. (Original) The transformed cell as defined in claim 2, wherein the cell is prokaryotic or eukaryotic.
5. (Previously presented) The transformed cell as defined in claim 4, wherein the cell is *Escherichia coli* DH5@/pRLSA deposited with the accession number of KCTC 10573BP.
6. (Original) A method of producing an enzyme having activity of hydrolyzing amylopectin, starch, glycogen and amylose, comprising:
culturing the cell of claim 3;
expressing the enzyme in the cultured cell; and
purifying the expressed enzyme.
7. (Original) An enzyme, produced by the method of claim 6.
8. (Original) A composition, comprising the enzyme of claim 7.

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9. (Original) The composition as defined in claim 8, wherein the composition is used for dextran removal during sugar production.
10. (Original) The composition as defined in claim 8, wherein the composition is used for plaque elimination or as a mouthwash.
11. (New) The isolated polynucleotide of claim 2 comprising the nucleotide sequence of SEQ ID NO: 2.